



**WIRELESS ADDRESSABLE
OPTICAL SMOKE DETECTOR**
Model no:AW103SD

Overview:

This detector is designed to detect the smoke particles caused by fire and communicates to alarm panel without using wires. A 9 volt battery supplies power to the device and wireless transmitter is used for communication. It provides the alarm signal along with its ID (address) to alarm panel to pinpoint the location of fire. We have used latest processor, algorithm, innovative engineering to achieve effective sensing and high immunity to false alarm.

SPECIFICATIONS

Operating voltage	9V DC (Duracell Alkaline Battery)	
Quiescent current	0.004mA	
Alarm Current	0.7mA	
Carrier frequency	433.92MHz	
Alarm indicator	Red LED	
Indication mode	Normal	Blinks every 15sec
	Alarm	Steady glow
Sensitivity	Nominal alarm threshold of 0.13dB/m obscuration	
Compatibility	ALAW2XV1 Protocol	
Operating temperature	-10°C to +60°C (Non-condensing or icing)	
Storage temperature	-30°C to +70°C (Non-condensing or icing)	
Humidity	0 to 95% RH (Non-condensing)	
Dimensions (Dia x H)	Detector	100x54mm
	Detector with base	100x55mm
Weight (without battery)	Detector	78g
	Detector with base	100g
	Base	22g
Detector housing	White Polycarbonate	

FEATURES

- Intelligent detector
- Electronic addressing
- Low-profile design that blends in with any environment
- High immunity to false alarm
- Blinking LED for visual supervision
- Insect-resistant screening
- Easy to maintain/service

